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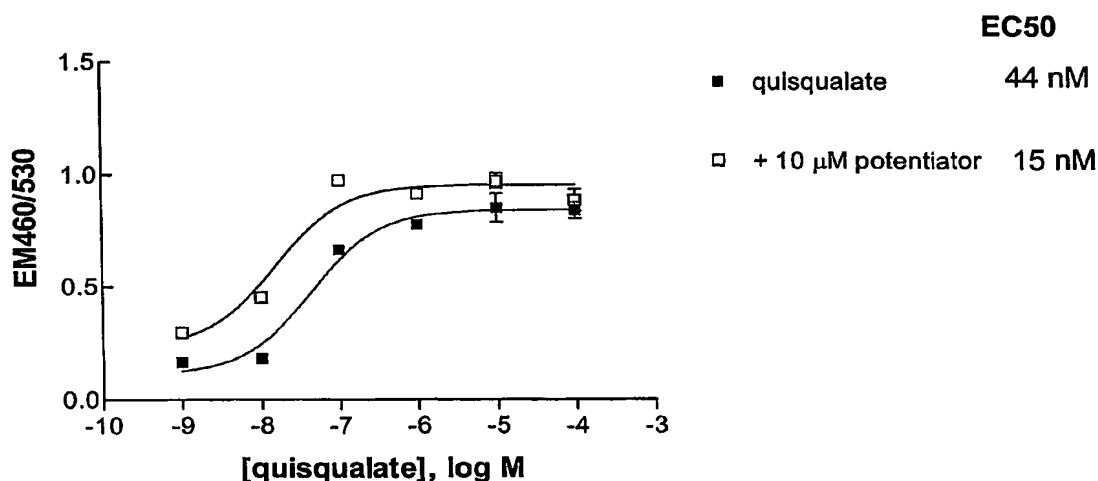
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(54) Title: METHODS FOR IDENTIFYING CELL SURFACE RECEPTOR PROTEIN MODULATORS



(57) Abstract: The present invention makes available a rapid, effective assay for screening and identifying pharmaceutically effective compounds that specifically interact with and modulate the activity of a target cell surface protein, e.g., a receptor or ion channel. The subject assay enables rapid screening of large numbers of compounds to identify those which modulate the bioactivity of the cellular proteins. The subject assays are particularly amenable for high throughput formats and are particularly useful in identifying modulators of a mammalian metabotropic glutamate receptor protein.